

2 Notes: Rock Types, Rock Cycle

The Elements Song



The
element s...

Elements are very important in Geology!


How to distinguish

Igneous : - interlocking crystals of diff. colours
or dark colours
- glassy (obsidian)
- vesicular (frothy, bubbly)

↑
(crystallize from hot silicate melts - lava or magma)

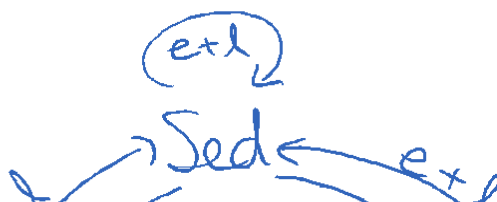
Sedimentary : - rounded or angular pieces (clasts) of rock glued together.
- small, light coloured crystals (limestone fizzes)
- fossils

(weathered sediments lithified tog. or chemical precipitate)

Metamorphic : - foliation (peely-aparty)
- Compositional banding (mineral streaked out) 
- large, light coloured crystals (marble fizzes)

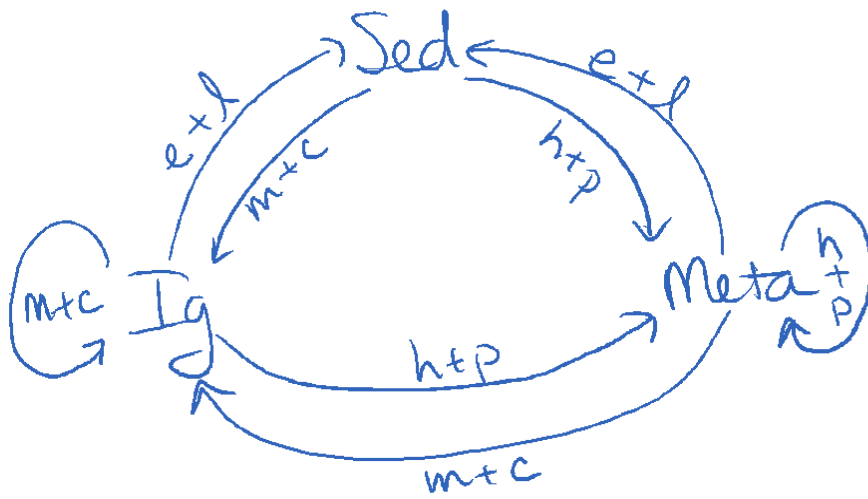
↑
(rocks that have been deformed/recrystallized by heat and/or pressure.)

Rock



$e+l$ = erosion + lithification
 $m+c$ = melt +

Rock Cycle



lithification
 $m+c$ = melt + crystallize
 $h+p$ = heat + pressure

Rock ID Activity

Sed, Ig, or Meta, ... Why?

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